

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of adaptively controlling a forward data rate in a wireless communication system, the method comprising steps of:
 - detecting a ~~current~~ channel status according to a pilot signal received from a base station;
 - calculating a delay time, the delay time equaling a time interval between reception of a pilot signal and reception of a data signal;
 - determining a target forward data rate based on the calculated delay time and the ~~current~~ channel status; and
 - transmitting a ~~value indicative of the~~ determined target forward data rate to the base station.

2. (Currently Amended) A method of adaptively controlling a forward data rate in a wireless communication system, the method comprising steps of:

receiving a pilot signal from a base station;

detecting a channel status by measuring a power level of the received pilot signal;

calculating a delay time, the delay time equaling a time indicative of a pilot signal and reception of a data signal;

determining a target forward data rate based on an offset value corresponding to the delay time; and

transmitting ~~a value indicative of the~~ determined target forward data rate to the base station.

3. (Original) A method as claimed in claim 2, wherein the offset value is one of a plurality of predetermined values corresponding to a plurality of delay times.

4. (Currently Amended) A method as claimed in claim 2, wherein the offset value is stored in ~~a lookup table~~ an index.

5. (Currently Amended) A method of adaptively determining a requested forward data rate in a wireless communication system, the method comprising steps of:

receiving a pilot signal from a base station;

detecting a channel status by measuring a power level of the received pilot signal;

calculating a delay time according to a data rate control length;

determining a target forward data rate based on channel status and the calculated delay time; and

transmitting ~~a value indicative of the~~ determined target forward data rate to the base station.

6. (Original) A method as claimed in claim 5, wherein the target forward data rate is transmitted via a data rate control channel.

7. (New) The method of claim 5, wherein the delay time is calculated using $SIR_m = SIR_r - \text{Offset}$, wherein SIR_m denotes adjusted channel status information based on the delay time, SIR_r denotes received channel status information, and Offset denotes a value corresponding to the delay time.

8. (New) The method of claim 5, wherein the data is transmitted at a time $t + (\text{DRCLength} + 1)$.

9. (New) The method of claim 1, wherein the delay time is calculated using $SIR_m = SIR_r - \text{Offset}$, wherein SIR_m denotes adjusted channel status information based on the delay time, SIR_r denotes received channel status information, and Offset denotes a value corresponding to the delay time.

10. (New) The method of claim 1, wherein the data is transmitted at a time $t + (\text{DRCLength} + 1)$.

11. (New) The method of claim 1, wherein the channel status is determined by measuring at least one of a power level of the received pilot signal and a signal-to-interference ratio (SIR).

12. (New) The method of claim 1, wherein the target forward data rate is transmitted via a data rate control channel.

13. (New) The method of claim 2, wherein the delay time is calculated using $SIR_m = SIR_r - \text{Offset}$, wherein SIR_m denotes adjusted channel status information based on the delay time, SIR_r denotes received channel status information, and Offset denotes a value corresponding to the delay time.

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14. (New) The method of claim 2, wherein the data is transmitted at a time $t +$
(DRCLength + 1).